ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Org.
Rajesh Dharia	1/19/00	00-0062		x0498	3204E	DevEng

8. Title of Change: Install Higher-speed CPUs in pdps2 with additional memory to Support IRR DPS Benchmarking

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date:
Rajesh Dharia 1/19/00	II	CCR	1/20/

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 28).
1·19·00	EDF	Emergency

16. Documentation/Drawings Impacted:	17. Schedule Impact:	18. CI(s) Affected:
N/A	Low	DPS/PRONG

19. Release Affected:	20. Date due to Customer:	21. Impl. Date:	22. Estimated Cost:
None 6A	N/A	1/20/2000	None

23. Source Reference: ☐NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☒Other:
Steve Fox and Joe Guzek recommended to expedite this in preparation for IRR DPS bench marking.

24. Description of Change: (use additional Sheets if necessary)
Temporarily install higher-capacity ultra 3000 CPUs into pdps2 with additional 1 GB memory. The CPUs will remain in the machine until benchmarking is complete for DPS for IRR, about 1/29. This work will be performed by EDS Robert Byrnes. RTSC personal should be available to bring this machine down tomorrow morning at 7:00 am.

25. Proposed Solution: (use additional sheets if necessary)
Install 1 cpu memory board from machine sahara (EIN # 3271) with 512 Meg memory into PDPS2 (EIN # 4664). Install additional power supply from EDS inventory (Robert Byrnes has already kept aside). Remove 2 167 Mhz CPUS from PDPS2 and install 4 CPUS. Total PDPS2 machine will have 4 CPUS with 1 GB memory. This work will be done by EDS Robert Byrnes on Thursday morning beginning at 7:00 am. Total down time will be 1 hour max.

26. Alternate Solution: (use additional sheets if necessary)
None

27. Consequences if Change(s) are not approved: (use additional sheets if necessary)
DPS will not be able to justify how we are going to meet the performance goals of 6A, and so may fail the IRR on 1/31/2000.

28. Justification for Emergency (If Block 15 is "Emergency"):
The slides for the IRR must be in by 1/26, so the benchmarking must be completed within the next week, and must start now.

29. Site(s) Affected: ☒EDF ☐Mini-DAAC ☐VATC ☐EDC ☐GSFC ☐LaRC ☐NSIDC ☐SMC ☐AK ☐JPL ☐EOC ☐IDG Test Cell ☒Other Development Functionality Lab

30. Board Comments:	31. Work Assigned To:

32. EDF/REL2 CCB Chair (Sign/Date):	33. Disposition: Approved / A/C / Disapproved / Fwd/ECS / Fwd/ESDIS	34. (TBD)
1/19/00		
35. M&O CCB Chair (Sign/Date):	**36. Disposition:** Approved / A/C / Disapproved / Fwd/ECS / Fwd/ESDIS	**37. CM Manager's Closure:**
38. ECS CCB Chair (Sign/Date):	**39. Disposition:** Approved / A/C / Disapproved	**40. CCR Closed Date:**

ORIGINAL

01-20-00A07:25 0402